MATERIAL SAFETY DATA SHEET
3M
3M Center
St. Paul, Minnesota
55144-1000
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DIVISION: HOME AND COMMERCIAL CARE DIVISION
TRADE NAME: SCOTCHGARD(TM) BRAND LEATHER PROTECTOR (CAT. NO. 1006)
ID NUMBER/ U.P.C.: 70-0706-5462-2 49-01690-00592-3 70-0706-4702-2 00-51131-50264-7
70-0709-3391-9 00-51131-50264-7 70-0709-5410-5 00-51131-50264-7
CT-0607-1911-0 - - - CT-0607-2543-0 - - -
CT-0607-7099-8 - - -
ISSUED: June 05, 2000
SUPERSEDES: March 21, 2000
DOCUMENT: 10-2500-6

=======================================================================================================
<table>
<thead>
<tr>
<th>1. INGREDIENT</th>
<th>C.A.S. NO.</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAPHTHOL SPIRITS</td>
<td>64742-48-9</td>
<td>60</td>
</tr>
<tr>
<td>PROPANE (PROPELLANT)</td>
<td>74-99-6</td>
<td>7</td>
</tr>
<tr>
<td>ISOPROPYL ALCOHOL</td>
<td>67-63-0</td>
<td>5</td>
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<tr>
<td>MINERAL OIL</td>
<td>8012-95-1</td>
<td>5</td>
</tr>
<tr>
<td>FLUOROCHEMICAL MIXTURE</td>
<td>TradeSecret</td>
<td>1</td>
</tr>
<tr>
<td>RESIDUAL ORGANIC FLUOROCHEMICALS</td>
<td>Unknown</td>
<td>&lt; 1.0</td>
</tr>
</tbody>
</table>

IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT. The components of this product are in compliance with the chemical notification requirements of TSCA.

=======================================================================================================
<table>
<thead>
<tr>
<th>2. PHYSICAL DATA</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT:</td>
<td>&gt; 180 F</td>
<td></td>
</tr>
<tr>
<td>VAPOR PRESSURE:</td>
<td>&lt; 10 mmHg</td>
<td></td>
</tr>
<tr>
<td>VAPOR DENSITY:</td>
<td>ca. 5.7 Air=1</td>
<td></td>
</tr>
<tr>
<td>EVAPORATION RATE:</td>
<td>&lt; 0.1 BuDac=1</td>
<td></td>
</tr>
<tr>
<td>SOLUBILITY IN WATER:</td>
<td>nil</td>
<td></td>
</tr>
<tr>
<td>SPECIFIC GRAVITY:</td>
<td>ca. 0.790 Water=1</td>
<td></td>
</tr>
<tr>
<td>PERCENT VOLATILE:</td>
<td>ca. 90 % by wt</td>
<td></td>
</tr>
</tbody>
</table>
pH:                                   | N/A        |         |

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately
□

MSDS: SCOTCHGARD(TM) BRAND LEATHER PROTECTOR (CAT. NO. 1006)
June 05, 2000
2. PHYSICAL DATA (continued)

VISCOSITY: ................. N/D
MELTING POINT: ............ N/D

APPEARANCE AND ODOR:
   Aerosol spray container, light amber colored, hydrocarbon odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: .............. ca. 140 °F
   (liquid only; propellant FP < 0 °F)
FLAMMABLE LIMITS - LEL: ....... ca. 0.6 % by vol
FLAMMABLE LIMITS - UEL: ...... ca. 7 % by vol
Autoignition Temperature: N/D

EXTINGUISHING MEDIA:
   Water spray, Carbon dioxide, Dry chemical, Alcohol-type foam

SPECIAL FIRE FIGHTING PROCEDURES:
   Wear full protective clothing, including helmet, self-contained,
   positive pressure or pressure demand breathing apparatus, bunker coat
   and pants, bands around arms, waist and legs, face mask, and
   protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
   Closed containers exposed to heat from fire may build pressure and
   explode.

NFPA HAZARD CODES: HEALTH: 1  FIRE: 3  REACTIVITY: 1  AEROSOL STORAGE: 3
   UNUSUAL REACTION HAZARD: none

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
   Heat.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
   Carbon Monoxide and Carbon Dioxide, Hydrogen Fluoride, Aldehydes,
   Toxic Vapors, Gases or Particulates.

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June 05, 2000

5. ENVIRONMENTAL INFORMATION
SPILL RESPONSE:
Refer to other sections of this MSDS for information regarding
physical and health hazards, respiratory protection, ventilation, and
personal protective equipment. Extinguish all ignition sources.
Cover with absorbent material. Clean up residue. Place in a U.S.
DOT-approved container.

RECOMMENDED DISPOSAL:
Incinerate in a permitted hazardous waste incinerator. Do not
puncture or burn cans in a household incinerator. Facility must be
capable of handling aerosol cans. Dispose of empty cans in a
sanitary landfill. Dispose of completely absorbed waste product in a
facility permitted to accept chemical wastes.

If an aerosol can recycling program is available, evacuate can
completely prior to disposal.

ENVIRONMENTAL DATA:
No data available.

REGULATORY INFORMATION:
Volatile Organic Compounds: N/D.
VOC Less H2O & Exempt Solvents: N/D.

Since regulations vary, consult applicable regulations or authorities
before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

All chemicals used in the manufacture of this material are listed on
the following chemical inventories: TSCA

OTHER ENVIRONMENTAL INFORMATION:
This product contains one or more organic fluorochemicals that have
the potential to resist degradation and persist in the environment.

EPCRA HAZARD CLASS:
FIRE HAZARD: Yes PRESSURE: Yes REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:
Immediately flush eyes with large amounts of water. Get immediate
medical attention.

SKIN CONTACT:
Wash affected area with soap and water.

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June 05, 2000

6. SUGGESTED FIRST AID (continued)

INHALATION:
Remove person to fresh air. If not breathing, give artificial
respiration. If breathing is difficult, get immediate medical
attention.
IF SWALLOWED:
Do not induce vomiting. Drink two glasses of water. Call a physician.

OTHER FIRST AID INFORMATION:
NOTE TO PHYSICIANS: Exposure to high concentration may increase "myocardial irritability." Do not administer sympathomimetic drugs (i.e. adrenaline) unless absolutely necessary. No specific antidote. Supportive care and treatment based on the judgement of physician in response to the patient are recommended.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:
Avoid eye contact with vapor, spray, or mist.
Do not spray in eyes, in mouth or on skin.

SKIN PROTECTION:
Avoid skin contact.

RECOMMENDED VENTILATION:
Do not use in a confined area or areas with little or no air movement. Use in a well-ventilated area. Use with adequate dilution ventilation.

Use only as directed and only in areas adequately ventilated to remove vapors and prevent vapor buildup. Maintain cross ventilation until sprayed article is dry through use of fans, open windows and doors. Do not use product in small rooms, bathrooms or closets.

RESPIRATORY PROTECTION:
Avoid breathing of vapors, mists or spray. Avoid breathing of airborne material.

PREVENTION OF ACCIDENTAL INGESTION:
Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating.

RECOMMENDED STORAGE:
Store away from areas where product may come into contact with food or pharmaceuticals. Store at temperatures below 120 degrees F (49 degrees C). Keep out of the reach of children.

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MSDS: SCOTCHGARD(TM) BRAND LEATHER PROTECTOR (CAT. NO. 1006)
June 05, 2000

7. PRECAUTIONARY INFORMATION (continued)

FIRE AND EXPLOSION AVOIDANCE:
Aerosol container contains flammable gas under pressure. Keep away from heat, sparks, open flame, and other sources of ignition. Do not pierce or burn container, even after use.

OTHER PRECAUTIONARY INFORMATION:
Keep small children and pets out of area until treated article has
thoroughly dried.

**EXPOSURE LIMITS**

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>VALUE</th>
<th>UNIT</th>
<th>TYPE</th>
<th>AUTH</th>
<th>SKIN*</th>
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</thead>
<tbody>
<tr>
<td>NAPHTHOL SPIRITS</td>
<td>100</td>
<td>PPM</td>
<td>TWA</td>
<td>3M</td>
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<td>PPM</td>
<td>TWA</td>
<td>OSHA</td>
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<tr>
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<td>PPM</td>
<td>TWA</td>
<td>AGIH</td>
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<tr>
<td>ISOPROPYL ALCOHOL</td>
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<td>PPM</td>
<td>TWA</td>
<td>CMRG</td>
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<tr>
<td>ISOPROPYL ALCOHOL</td>
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<td>PPM</td>
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<td>ISOPROPYL ALCOHOL</td>
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<td>TWA</td>
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<td>ISOPROPYL ALCOHOL</td>
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<td>MG/M3</td>
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<td>FLUOROCHEMICAL MIXTURE</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
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<tr>
<td>RESIDUAL ORGANIC FLUOROCHEMICALS...</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

**SOURCE OF EXPOSURE LIMIT DATA:**
- 3M: 3M Recommended Exposure Guidelines
- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

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June 05, 2000

**6. HEALTH HAZARD DATA**

**EYE CONTACT:**
Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

**SKIN CONTACT:**
Mild Skin Irritation (after prolonged or repeated contact):
signs/symptoms can include redness, swelling, and itching.

May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.

**INHALATION:**
Intentional concentration and inhalation may be harmful or fatal.

Single overexposure, above recommended guidelines, may cause:

Nervous System Effects: signs/symptoms can include emotional changes, lack of coordination, tremors and sensory loss.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Single exposure may cause:

Cardiac Sensitization: sudden heart stoppage due to a reflex effect on the nerves which control the heart. This effect usually occurs only after inhalation of concentrated vapors such as in intentional abusive sniffing of certain solvents and propellants.

Prolonged or repeated overexposure, above recommended guidelines, may cause:

Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

Animal studies conducted on organic fluorochemicals which are present in this product indicate effects including liver disturbances, weight...

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June 03, 2000

8. HEALTH HAZARD DATA (continued)

loss, loss of appetite, lethargy, and neurological, pancreatic, adrenal and hematologic effects. There are no known human health effects from anticipated exposure to these organic fluorochemicals when used as intended and instructed.

Ingestion may cause:

Gastrointestinal Effects: signs/symptoms generally will include abdominal pain.

Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

OTHER HEALTH HAZARD INFORMATION:

This product contains one or more organic fluorochemicals that have
the potential to be absorbed and remain in the body for long periods of time, either as the parent molecule or as metabolites, and may accumulate with repeated exposures. There are no known human health effects from anticipated exposure to these organic fluorochemicals when used as intended and instructed.

The presence of organic fluorochemicals in the blood of the general population and subpopulations, such as workers, has been published dating back to the 1970's. 3M's epidemiological study of its own workers indicates no adverse effects.

SECTION CHANGE DATES

INGREDIENTS SECTION CHANGED SINCE March 21, 2000 ISSUE
PRECAUTIONARY INFO. SECTION CHANGED SINCE March 21, 2000 ISSUE

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June 05, 2000

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